

SAMS Seat Track Device used for the first time on board ISS

On November 12, 2010 a Space Acceleration Measurement System (SAMS) sensor was mounted using the SAMS Seat Track Device for the first time in the Columbus Module on the Fluid Science Laboratory (FSL). The SAMS Sensor Enclosure (SE-F08) was mounted to the SAMS Seat-Track Device, and then mounted to the rack-seat track (rack-seat tracks are located throughout the ISS which allows for flexibility in mounting equipment). Once the SAMS sensor was mounted, the cable connection was made and the check out procedure was successfully completed. The SAMS has been on board the International Space Station (ISS) collecting microgravity environment data for scientific payloads since Flight 6A in April 2001. The Seat-Track Device will allow SAMS to provide acceleration data to payloads throughout the ISS where seat tracks are located onboard the ISS. (MAH\Robert W. Hawersaat (216) 4338157)

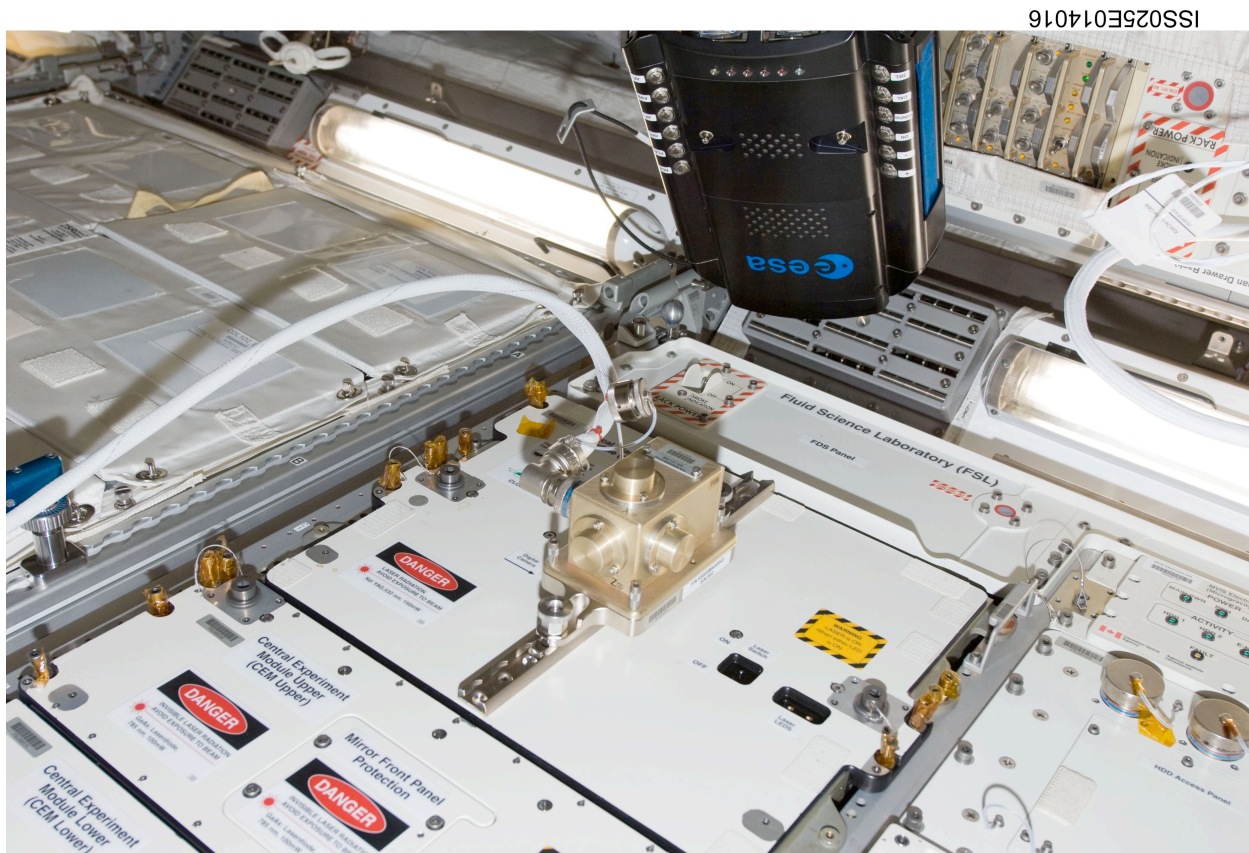


Image of SAMS sensor mounted to the Fluid Science Laboratory using the Seat-Track Device